

From: [David Durst](#)
To: anthony.buck@tceq.texas.gov; [Abel Garcia](#); [Eddy Vance](#); [Enders, Jhana](#)
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At 10:30 made entry to backyard to set up deactivation process in a stew pot placed on an electric burner to increase the temperature of material. Prior to transferring the mixture from the cement mixer to the stew pot the phosphine reading was 1.5 ppm. Once mixture was placed in pot and heat added the reading increased to 2.8 ppm. Reading from the drum containing food from the fridge/freezer was 1.2 ppm.

At 1445 another entry was made where vinegar was added to the stew pot to add acid to the mixture to better facilitate deactivation. Also vinegar was sprayed on the food to treat the phosphine gas in the drum. The house was 76 degrees F and monitoring indicated all zeros throughout the house and inside the fridge/freezer. Under the house on the south end where the pile of weevil-cide had been removed was 50 degrees F and monitoring indicated all zeros in this area as well. Monitoring of the deactivating material on the electric burner with vinegar add had reading of greater than 20 ppm. A small sample of the liquids in the bottom of the food drum was collected and placed in a small amber bottle for the purpose of taking a head space reading. The reading from the bottle was 3.8 ppm.

David Durst and Eddy Vance

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Jhana Enders

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